

X-1067 US  
10/090,257

PATENT  
Conf. No. 4111

#4  
10/22/02  
Jah

IN THE UNITED STATES PATENT OFFICE

Applicants: Hassan K. Bazargan et al.  
Assignee: Xilinx, Inc.  
Title: Method and Circuit for Hot Swap Protection  
Serial No.: 10/090,257 ✓ File Date: 3/1/2002  
Examiner: Unknown Art Unit: 2182  
Docket No.: X-1067 US Conf. No.: 4111

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COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

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PRELIMINARY AMENDMENT

Dear Sir:

Before taking action in the above-referenced case, please  
make the following amendments to the claims.

IN THE CLAIMS

**Please add Claims 16-29 as follows:**

16. (New) A system, comprising:

a system backplane; and

A  
a printed circuit board (PCB) inserted into the system  
backplane and coupled to receive power therefrom, the PCB  
comprising an integrated circuit that includes:

a first circuit that detects a hot swap condition  
during an insertion of the PCB into the system backplane  
when the system backplane is powered up;

a second circuit coupled to the first circuit that  
prevents a pn junction diode in a pull-up transistor from  
going into a forward bias condition; and

a third circuit coupled to the first and second  
circuits that prevents the pull-up transistor from turning  
on during the hot swap condition.

10/10/2002 EHAILE1 00000072 240040 10090257

01 FC:102 168.00 CH  
02 FC:103 252.00 CH

Please type a plus sign (+) inside this box →



Modified 9-98

PTO/SB/21 (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

BOX:

Express Mail  
Receipt No.

Application / Conf. No.

10/090,257 / 4111

Filing Date

March 01, 2002

First Named Inventor

Hassan K. Bazargan

Examiner Name

Unknown

Group Art Unit

2182

Issue Fee Batch No.

Attorney Docket Number

X-1067 US

## ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☒ Amendment / Response

☒ Preliminary Amendment

☐ After Final

☐ Affidavit(s)/declaration(s)

☐ Extension of Time Request

☐ Change Status to LARGE ENTITY

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Substitute PTO-1449(s)  
IDS by Applicant (PTO/SB/08A)

☐ Certified Copy of Priority  
Document(s)

☐ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing  
Parts under 37 CFR  
1.52 or 1.53

☐ Assignment Papers  
(with Recordation Cover Sheet)

☐ Declaration / Oath

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition -

☐ To Convert a  
Provisional Application

☐ Power of Attorney, Revocation  
Change of Correspondence  
Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ After Allowance Communication  
to

☐ Appeal Communication to Board  
of Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Status Letter

☒ Return Receipt Postcard

☐ Additional Enclosure(s)  
(please identify below):

Remarks

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or  
Customer Number

Attn:

H. C. Chan

24309

(Customer Number)

Reg. Number 35,477

Signature

Date

October 3, 2002

Charge any additional fees required/credit any overpayment  
to our Deposit Account Number: 24-0040

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D. C. 20231 on this date: October 3, 2002

Typed or Printed Name

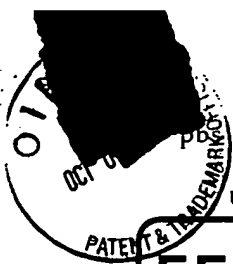
Pat Slaback

Signature

Date

October 3, 2002

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$)**420.00**

## Complete if Known

Application / Conf. No.	10/090,257 / 4111
Filing Date	March 1, 2002
First Named Inventor	Hassan K. Bazargan
Examiner Name	Unknown
Group / Art Unit	2182
Attorney Docket No.	X-1067 US

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<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees, any additional fees required, and credit any over payments to: Deposit Account Number: <b>24-0040</b> Deposit Account Name: <b>XILINX, INC.</b> <input type="checkbox"/> Charge the any additional Fee Required Under 37 CFR §§ 1.16 and 1.17		<b>3. ADDITIONAL FEES</b>	
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		Large Entity Fee Code (S) Fee Description	
<b>FEE CALCULATION</b>		105 130 Surcharge - late filing fee or oath	
<b>1. BASIC FILING FEE</b>		127 50 Surcharge - late provisional filing fee or cover sheet.	
Large Entity		147 2,520 For filing a request for exparte reexamination	
Fee Paid		112 920* Requesting publication of SIR prior to Examiner action	
Code (S)		113 1,840* Requesting publication of SIR after Examiner action	
101 740 Utility filing fee		115 110 Extension for reply within first month	
106 330 Design filing fee		116 400 Extension for reply within second month	
107 540 Plant filing fee		117 920 Extension for reply within third month	
108 710 Reissue filing fee		118 1,440 Extension for reply within fourth month	
114 150 Provisional filing fee		128 1,960 Extension for reply within fifth month	
SUBTOTAL (1) (\$)		119 320 Notice of Appeal	
<b>2. EXTRA CLAIM FEES</b>		120 320 Filing a brief in support of an appeal	
Total Claims -20** =29 X 14 = 18 = \$252		121 270 Request for oral hearing	
Indep. Claims 05 - 3** = 2 = 84 = \$168		138 1,510 Petition to institute a public use proceeding	
Multiple Dependent Claims		140 110 Petition to revive - unavoidable	
**or number previously paid, if greater; For Reissues, see below		141 1,240 Petition to revive - unintentional	
Large Entity		142 1,280 Utility issue fee (or reissue)	
Fee Fee Description		122 130 Petitions to the Commissioner	
Code (S)		123 50 Petitions related to provisional applications	
103 18 Claims in excess of 20		126 180 Submission of Information Disclosure Stmt	
102 84 Independent claims in excess of 3		581 40 Recording each patent assignment per property (times number of properties)	
104 270 Multiple dependent claim, if not paid		146 740 Filing a submission after final rejection (37 CFR 1.129(a))	
109 84 **Reissue independent claims over original patent		149 740 For each additional invention to be examined (37 CFR 1.129(b))	
110 18 **Reissue claims in excess of 20 and over original patent		179 740 Request for Continued Examination (RCE)	
SUBTOTAL (2) (\$)		Other fee (specify)	
420.00		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	H. C. Chan	Registration No. (Attorney/Agent)	35,477
Signature		Telephone	408-879-6149
		Date	10-03-2002

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